

**761—143.4(364) Required synchronization.**

**143.4(1)** Unless a traffic engineering study documents that it is not practical, traffic signals within one-half mile of each other along an arterial street or in a network of intersecting arterial streets shall be operated in coordination; preferably in a computerized, interconnected master-controlled, time-based coordinated, or traffic responsive system.

**143.4(2)** Reserved.

**143.4(3)** Timing and operational plans developed for traffic signals shall be developed by application of traffic engineering principles to provide maximum traffic flow efficiencies and safety.

**143.4(4)** All traffic signal installations and operations shall meet the requirements of the “Manual on Uniform Traffic Control Devices,” as adopted in 761—Chapter 130.